

Answer

Question

Developing Quality Formative Assessments Using Technology

***Jeanine Wilson
Secondary Educational Technology
November 17, 2009***

1

2

3

4

5

6

7

8

9

10

Answer



Agenda

Question

- ❖ ***Exploring Formative Assessment***
- ❖ ***Exploring Methods of Assessment***
- ❖ ***Student Needs Assessment***

1

2

3

4

5

6

7

8

9

210

The background is a pixelated, low-resolution image of a sailboat on a body of water. The sailboat has a white hull and a large blue sail. The water is depicted with various shades of blue and white, suggesting waves and reflections. The sky is a light blue. The text 'WHAT???' is centered in the middle of the image in a bold, brown, serif font.

WHAT???

5 Keys to Quality Classroom Assessment

- *Accuracy*
 - Why?
 - What?
 - How?
- *Effective Use*
 - Communicate
 - Involve

Key #1: Clear Purpose

Why Assess?

Guiding Question → *Why am I giving this assessment?*
(Is it for accountability, or is it to determine the next steps in instruction? What will I do with the results?)

Assessment



**Student
motivation**

Key #2: Clear Learning Targets

Assess What?

- Guiding Question → *What was your specific learning target?*
 - Knowledge
 - Reasoning
 - Skill
 - Product

Key #3: Sound Assessment Design

Assess How?

- Guiding Question → *Did the assessment appropriately yield the pre-determined target?*

Key #4: Effective Communication

Communicate How?

- Guiding Question → *Did the communication make sense to the end-user? Did students get descriptive feedback on their strengths and weaknesses?*

Key #5: Student Involvement

- **Involve Students How?**
- Guiding Question → *Did students have a 'voice' in this assessment? If so, how?*



SO WHAT???

- Through the use of technology, classroom teachers can conduct innovative formative assessments of all students for the purpose of improving instruction.
- This provides exciting new opportunities for the remediation or enrichment of each and every student, helping *all* students reach their highest potential. Given the way that technology can now alter the speed and location of assessment, many options now exist to embed “on the fly” assessment into curriculum content and lessons themselves.
- These types of formative assessments help keep students on track with achievement, while also providing opportunities for students to participate in engaging activities based on abilities and needs.



NOW WHAT???

Word	Excel
PowerPoint	Paint
Access	Blogs
Wikis	Animation
Graphic Organizers	Surveys
Student Response Pads	Interactive Whiteboard
Document Camera	Digital Camera

Interactive Whiteboard Activity

Moon Phases

STUDENT INVENTORY



Extras

Script Writing

Allow your students to produce a daily news broadcast that airs to their entire school. The process of creating a daily newscast entails many responsibilities that cover a broad range of topic areas. In addition to strengthening curricular skills, this program also utilizes teamwork and individual responsibility to get the job done.

Click on the title to see an example...

Video Timeline

A video timeline, is an excellent culminating presentation that not only acts as a review for the historical, literacy, and scientific information the students have learned thus far, but it also stimulates students to research and expand their knowledge in other areas as well.

Students are challenged to present the cumulative information in an interesting and meaningful way.

Click on the title to see an example...

Productivity Tools

Create a flip book based upon your story (MS Word)

Create a slide show to animate your story (MS PowerPoint)

Create a riddle mystery puzzle box (MS PowerPoint)

Create a flyer or brochure (MS Publisher or Adobe InDesign)

Create a Jeopardy game for the class (MS PowerPoint, MS Publisher, or Adobe InDesign)

Turn yourself into an image (Adobe PhotoShop, PhotoStory, PowerPoint)

Animation/Simulation

[Sumo Paint](#)

A free image editing software that gives you the opportunity to create and edit Images online.

[ToonDo](#)

Create your own comic strips. Lots of backgrounds, characters and props to choose from. Save favorites and search by tag to see what others have created.

[Animasher](#)

Create animated films with some very easy to use tools.

[FluxTime Studio](#)

An online animation tool for kids

[GoAnimate](#)

Easy to use animation tool with soundtracks, multiple characters and backgrounds to choose from.

[Moovi](#)

Draw, animate and apply physical properties to objects in order to bring their pictures and words to life. Let them discover what happens when they make a ball

even bouncier, a hippo even heavier or the word shiver actually shiver."

[Phun](#)

Downloadable drawing, painting, animation and creativity tool

[PicTabs](#)

Draw and animate!

[Xtranormal](#)

"If you can type, you can make a movie." (They are right!) Beta version is free.

Collaborative Tools

Gaggle

Private platform for teachers and students that allows students to have email accounts, digital lockers, and discussion forums

Word Press

A free and open source blog publishing application.

Blogging With Revilla

Blogging Site (*Example*)

Mr. De Leon's Science Blog

Blogging Site (*Example*)

Mr. Casas' 6th Grade

Blogging Site (*Example*)

Science

Class

Wikispaces

Simple web pages that groups, friends, and families can edit together

Edmodo

Private microblogging platform that teachers and students

Blogger

Free blog hosting site that is free and customizable

Weebly

A website / blog-host called Weebly that offers free blog hosting and other tools to support you with.

Graphic Organizers/Mind Maps

<u>Bubble.us</u>	Create notes and create mindmaps online as a collaborative tool.
<u>Exploratree</u>	A free web resource where you can download, use and make your own interactive thinking guides.
<u>FreeMind</u>	Open source mind mapping software written in Java
<u>Glinkr</u>	Collaborative mindmapping tool.
<u>MeadMap</u>	Organize, take notes, diagram, collaborate on research.
<u>Mind42</u>	(mind for two) Collaborative mindmapper
<u>MindMeister</u>	A collaborative online mindmapping tool.
<u>Mindomo</u>	Another collaborative online mindmapping tool
<u>WikiMindMap</u>	Map relationships between wikipedia terms--good research starter
<u>Wisdomaps</u>	"A wisdomap has three areas: a mind map, articles and resources. Combining these areas creates a powerful format to organize information in an uncluttered way."
<u>WiseMapping</u>	Online mindmapping tools
<u>Alpoy</u>	Avatar creator and animator
<u>Sloodle</u>	3D learning management system project

Graphing Tools

[Create a Graph](#)

Generate 5 different kinds of graphs from your own data

[MindMeister](#)

A collaborative online mindmapping tool.

[Gliffy](#)

Draw, share and edit flow charts, diagrams, technical drawings.

[Scriblink](#)

An online collaborative whiteboard

NoteTaking

[Google Notebook](#)

Clip and collect information as you browse the web.

[GradeGuru](#)

For college students to share notes, give each other feedback and engage in collaborative learning

[Imagination Cubed](#)

Draw with friends - interactive whiteboard

Publishing Tools

[Blubrry](#)

Create and distribute your podcasts here.

[ClickCaster](#)

Create, broadcast and sell your very own radio shows and podcasts. You can record audio right from your browser or upload an existing audio files.

[KidCast.com](#)

Find, create and store your podcasts here; podcasts are reviewed before posting. A safe site for kids.

[Gabcast.com](#)

Another free service that allows you to record a podcast using your phone or VoIP.

[ProfCast](#)

Turn your Powerpoint presentation into a podcast and publish it to iTunes.

Free trial. (downloadable software)

iTunes

A proprietary digital media player application, used for playing and organizing digital music and video files.

Surveys and Polls

These resources allow you to design online surveys, collect responses, analyze them and finally present the survey results. Many of these allow responses via text messages.

<u>99polls</u>	<u>Fo.reca.st</u>	<u>PollDaddy</u>
<u>Advanced Survey</u>	<u>The Free Site</u>	<u>PollEverywhere</u>
<u>AskItOnline</u>	<u>Free Website Polls</u>	<u>ProProfs Quiz School</u>
<u>ClassTools.net</u>	<u>GoToPoll</u>	<u>CHNM Poll Builder</u>
<u>Cool Surveys</u>	<u>HotPotatoes</u>	<u>SnapPoll</u>
<u>Doodle</u>	<u>Learning Impulse</u>	<u>Survey Gizmo</u>
<u>eQuizzer</u>	<u>Survey Scholar</u>	<u>SurveyGold</u>
<u>ESL Video Quiz Builder</u>	<u>Survey Methods</u>	<u>Survey Popups</u>
<u>Toluna</u>	<u>Visu</u>	<u>Zoho Challenge</u>



Question/Answer

